

Objective

We are in a sprint and the team is building an employee profile. One of the tickets is about educations (the diploma(s) that the person has). You are the front-end developer for this page and this ticket gets assigned to you. The back-end api is ready (see below).

We are building the front-end in a React application that uses Material design.

For this exercise it is not asked that the layout matches 100%: the standard components from the React Material UI library are sufficient.

We have prepared a simple React project with Material UI library that you can use to get started:

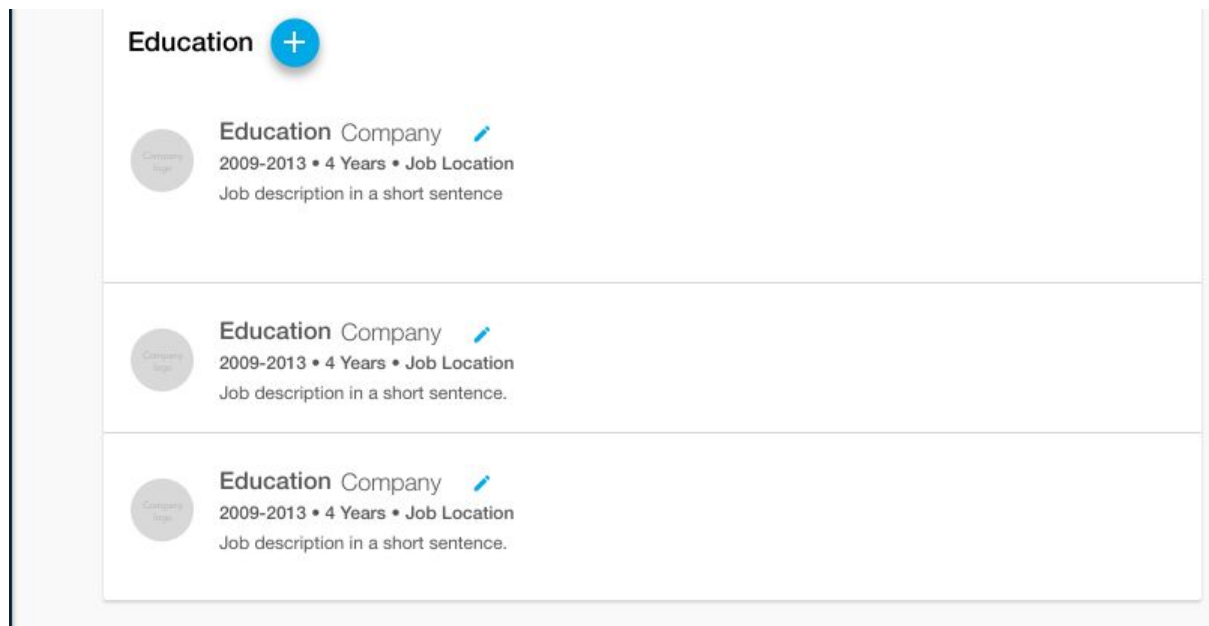
<https://github.com/lab900/craSKA>

Story

As a user I should be able to see, update, delete and add my educations on my profile. The designs are attached to this ticket.

Front-end design

One screen to view educations:



One screen to change or update educations:

The screenshot shows a form for adding an education level. The form includes the following fields:

- School name:** BNCC - Business School
- Field of study:** International trade
- Start date:** 12 / 2015
- End date:** (disabled)
- Description:** Manage the creation of new tools for ES. Work with managers from all the group.

An **Education Level** dropdown menu is open, showing the following options:

- Master
- High School
- Non-Univ. Higher Educ.
- Univ /College – Bachelor
- Univ /College – Master
- MBA
- Post-University
- Doctorate/PhD
- MD – Medical Doctor
- Post-Doctorate
- Other

An **Upload** button is also visible.

The fields on the screenshot (left to right, top to bottom):

School name - Education level (master or bachelor is enough)

Field of study - City

Start date - End date - Current (this disables the end date in case it is selected)

Description

The image upload is not included.

Back-end APIs

There is a mock backend available to use in the app. Any numeric user ID can be hard coded in the application (as long as always the same one is used).

Note: the API will not contain any data when you start your exercise. We advise you to choose a user id (e.g. "1") and use the POST to create some educations

Swagger documentation:

<https://frontend-1-dot-lab900-exercises.appspot.com/swagger-ui.html>

The backend has the following relevant apis available:

education-controller : Education Controller

Show/Hide | List Operations | Expand Operations

GET	/api/v1/user/{userId}/education	getEducations
POST	/api/v1/user/{userId}/education	createEducation
DELETE	/api/v1/user/{userId}/education/{educationId}	deleteEducation
PUT	/api/v1/user/{userId}/education/{educationId}	updateEducation

Example for GET user 123

```
https://frontend-1-dot-lab900-exercises.appspot.com/api/v1/user/123/education
```

```
[
  {
    id: 719453012,
    schoolName: "string",
    fieldOfStudy: "IT",
    description: "Industrial Engineering",
    city: "Ghent",
    from: 1269611145884,
    to: 1143380745884,
    current: false,
    educationType: "MASTER"
  }
]
```

POST/DELETE/PUT methods are to create, delete or change the data. Feel free to experiment in swagger.

Result

Please reply with a zip file of your work (even if unfinished) and a screenshot of the end result to the person that sent you the link to this document. Add any comments or remarks in the email body.